

(FILE 'HOME' ENTERED AT 09:30 ON 22 SEP 2003)

FILE 'CAPLUS' ENTERED AT 09:30:39 ON 22 SEP 2003  
L1 STRUCTURE UPLOADED  
S L1

FILE 'REGISTRY' ENTERED AT 09:31:14 ON 22 SEP 2003  
L2 25 S L1

FILE 'CAPLUS' ENTERED AT 09:31:14 ON 22 SEP 2003  
L3 26 S L2  
L4 0 S L3 AND ACID NUMBER  
S L1

FILE 'REGISTRY' ENTERED AT 09:33:17 ON 22 SEP 2003  
L5 10808 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:33:34 ON 22 SEP 2003  
L6 3708 S L5 FULL  
L7 0 S L6 AND ACID NUMBER  
L8 37 S L6 AND SULFUR  
L9 2 S L6 AND SULFUR AND PHOSPHORUS  
L10 STRUCTURE UPLOADED  
L11 3359275 S 10  
L12 22965 S L11 AND ( CYCLOHEXANE OR CYCLOHEXENE )  
L13 19 S L12 AND SULFUR AND PHOSPHORUS  
L14 1 S L12 AND SULFUR AND PHOSPHORUS AND PEROXIDE AND CARBONYL

=> s l12 and diester  
14427 DIESTER  
L15 120 L12 AND DIESTER

=> s l11 and ( cyclohexane or cyclohexene )  
86206 CYCLOHEXANE  
34212 CYCLOHEXENE  
L16 29949 L11 AND ( CYCLOHEXANE OR CYCLOHEXENE )

=> s l16 and diester  
14427 DIESTER  
L17 190 L16 AND DIESTER

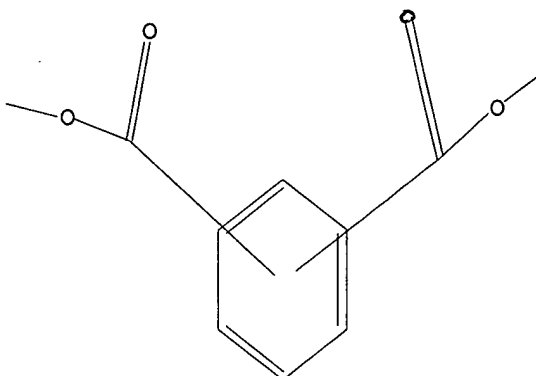
=> s l17 and sulfur and phosphorus  
313999 SULFUR  
264075 PHOSPHORUS  
L18 0 L17 AND SULFUR AND PHOSPHORUS

=>

=>  
Uploading 9287.str

L1        STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1        STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
**REGISTRY INITIATED**  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:31:14 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 71034 TO ITERATE

1.4% PROCESSED        1000 ITERATIONS                                25 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*INCOMPLETE\*\*  
                             BATCH    \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS:        EXCEEDS 1000000  
PROJECTED ANSWERS:            EXCEEDS    32990

L2                    25 SEA SSS SAM L1

L3                    26 L2

=> s l3 and acid number  
      3722508 ACID  
      100654 NUMBER  
      1003 ACID NUMBER  
          (ACID(W) NUMBER)  
L4                    0 L3 AND ACID NUMBER

=> s l1 full  
**REGISTRY INITIATED**  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:33:17 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 28.2% PROCESSED 400000 ITERATIONS 10808 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.17

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 37769

L5 10808 SEA SSS FUL L1

L6 3708 L5

=> s l6 and acid number

3722508 ACID

100654 NUMBER

1003 ACID NUMBER

(ACID(W)NUMBER)

L7 0 L6 AND ACID NUMBER

=> s l6 and sulfur

313999 SULFUR

L8 37 L6 AND SULFUR

=> s l6 and sulfur and phosphorus

313999 SULFUR

264075 PHOSPHORUS

L9 2 L6 AND SULFUR AND PHOSPHORUS

=> d 1-2 ibib abs hitstr

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:751652 CAPLUS

DOCUMENT NUMBER: 132:4005

TITLE: Polyester elastomer resin compositions for blow molding

INVENTOR(S): Furuta, Yoko; Akiba, Kazuki; Miyauchi, Michiharu

PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323110	A2	19991126	JP 1998-376333	19981221
PRIORITY APPLN. INFO.:			JP 1998-78287	19980310

AB Title compns. comprise (A) 100 parts of a block copolymer consisting of (a) high-m.p. cryst. polymer segment mainly composed by cryst. arom. polyester units and (b) low-m.p. polymer segment mainly composed by aliph. polyether units, (B) 0.01-10 parts of an epoxy compd. having >2 functional groups, (C) 0.01-5 parts of an arom. amine-type antioxidant, (D) 0.01-5 parts of of a hindered phenol-type antioxidant, (E) 0.01-5 parts of a sulfur-contg. antioxidant, and/or (F) 0.01-5 parts of a phosphorus-contg. antioxidant. The compns. may also contain 0.1-20 parts of a polyamide resin. The compns. are suitable for making flexible boots.

IT 250786-35-7P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester elastomer resin compns. for blow molding)

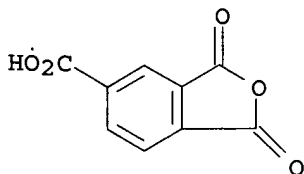
RN 250786-35-7 CAPLUS

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol,  
1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, methyloxirane and  
oxirane, block (9CI) (CA INDEX NAME)

CM 1

CRN 552-30-7

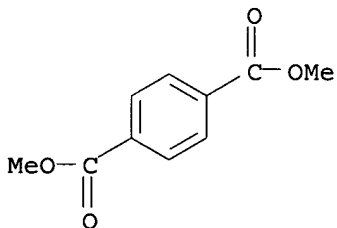
CMF C9 H4 O5



CM 2

CRN 120-61-6

CMF C10 H10 O4



CM 3

CRN 110-63-4

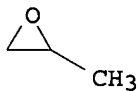
CMF C4 H10 O2

HO-(CH<sub>2</sub>)<sub>4</sub>-OH

CM 4

CRN 75-56-9

CMF C3 H6 O



CM 5

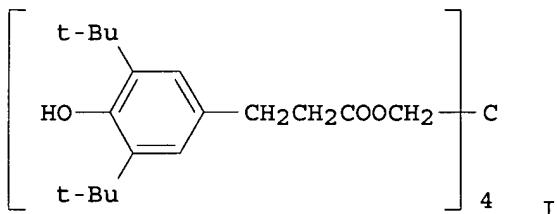
CRN 75-21-8

CMF C2 H4 O



ACCESSION NUMBER: 1999:751651 CAPLUS  
 DOCUMENT NUMBER: 131:338213  
 TITLE: Block polyether-polyester thermoplastic elastomer compositions having excellent resistance to oil, grease, and thermal aging  
 INVENTOR(S): Furuta, Yoko; Kawaguchi, Yasuji  
 PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323109	A2	19991126	JP 1998-376031	19981218
PRIORITY APPLN. INFO.: GI			JP 1998-78280	19980310



AB The compns. contain (A) 100 parts polyether-ester block copolymers composed mainly of (a) high-m.p. cryst. polymer segments comprising cryst. arom. polyester units and (b) low-m.p. polymer segments comprising aliph. polyether units, (B) 0.01-5 parts arom. amine-type antioxidants, (C) 0.01-5 parts hinderedphenol-type antioxidants, (D) 0.01-5 parts S-contg. antioxidants and/or (E) 0.01-5 parts P-contg. antioxidants, and optionally (F) 0.1-20 parts polyamides. Thus, 302:327:216 terephthalic acid-1,4-butanediol-poly(tetramethylene oxide) glycol block copolymer 100, p-PhCMe2C6H4NHC6H4CMe2Ph 1.5, a hindered phenol I 0.5, and (H25C12CO2CH2CH2)2S 0.5 part were dry-blended, kneaded at 240.degree., pelletized, and injection-molded to give test pieces having excellent resistance to hot (120.degree.) oil and grease, and aging at 160.degree..

IT 228545-71-9P  
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)  
 (rubber; block polyether-polyester thermoplastic elastomer compns. having excellent resistance to oil, grease, and thermal aging)

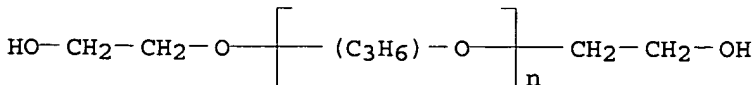
RN 228545-71-9 CAPLUS  
 CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol and .alpha.-(2-hydroxyethyl)-.omega.-(2-hydroxyethoxy)poly[oxy(methyl-1,2-ethanediyl)], block (9CI) (CA INDEX NAME)

CM 1

CRN 161588-29-0

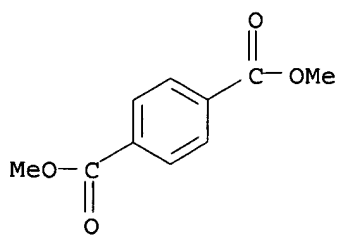
CMF (C3 H6 O)n C4 H10 O3

CCI IDS, PMS



CM 2

CRN 120-61-6  
CMF C10 H10 O4



CM 3

CRN 110-63-4  
CMF C4 H10 O2

